



U.S. Department
of Homeland Security

United States
Coast Guard

LOCAL NOTICE TO MARINERS WEEKLY EDITION

District: 13

Week: 35/04

Boating Safety Classes or Information: 1-800-336-BOAT (2628)

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (oan)
915 Second Avenue, Seattle, Washington 98174-1067
Telephone (206) 220-7280 FAX # (206) 220-7265
Email: D13LNM@pacnorwest.uscg.mil
<http://www.navcen.uscg.gov/lnm/d13/>

LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2004 Edition

UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website

<http://www.navcen.uscg.gov/gps/status/default.htm>.

In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: 703-313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at: <http://www.navcen.uscg.gov>.

BROADCAST NOTICE TO MARINERS

This section contains a range of all the significant Broadcast Notice to Mariners (BNM's) on the date of this edition.

| <u>Originating Unit</u> | <u>Beginning BNM</u> | <u>Ending BNM</u> |
|-------------------------|----------------------|-------------------|
| CGD THIRTEEN | D13-0967-04 | D13-1004-04 |

ABBREVIATIONS

ACOE - Army Corps of Engineers
ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
B - Buoy
BKW - Breakwater
B - Refer to Light List
BNM - Broadcast Notice to Mariner
CG - Refer to Light List
CHAN - Channel
CGD - Coast Guard District
CR - Refer to Light List
C/O - Cut Off
CONT - Contour
CONSTR - Construction
CRK - Creek
CONST - Construction
DBN - Daybeacon
DBD/DAYBD - Dayboard
DBN/DEST - Daybeacon Destroyed
DBN IMCH - Daybeacon Improper Characteristic
DISCON - Discontinued
DMGD - Daybeacon Damaged

EST - Established Aid
EVAL - Evaluation
EXT - Extinguished
FL - Flashing
F/S - Fog Signal
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height
ICW - Intracoastal Waterway
IMPCHA - Improper Characteristics
INL - Inlet
INOP - Not Operating
ISL - Islet
KBG - Refer to Light List
KBG-I - Refer to Light List
KBR - Refer to Light List
KBR-I - Refer to Light List
KBW - Refer to Light List
KGB - Refer to Light List
KGB-I - Refer to Light List
KGR - Refer to Light List
KGR-I - Refer to Light List

KGW - Refer to Light List
KGW-I - Refer to Light List
KRB - Refer to Light List
KRB-I - Refer to Light List
KRG - Refer to Light List
KRG-I - Refer to Light List
KRW - Refer to Light List
KWB - Refer to Light List
KWB-I - Refer to Light List
KWG - Refer to Light List
KWG-I - Refer to Light List
KWR - Refer to Light List
KWR-I - Refer to Light List
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LWB - Lighted Whistle Buoy

MISS - Missing
MR - Refer to Light List
MR-I - Refer to Light List
N/A - Not Available
NB - Refer to Light List
N/C - Not Charted
ND - Refer to Light List
NG - Refer to Light List
NIMA - National Imagery and Mapping Agency
NL - Refer to Light List
NO - Number
NOS - National Ocean Service
NR - Refer to Light List
NW - Refer to Light List
NW - Notice Writer
NY - Refer to Light List

OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
PRIV - Private Aid
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REDINT - Reduced Intensity
RRL - Range Rear Light
RELIGHTED - Aid Relighted
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
SEC - Section

SG - Green Square on pile
SG-SY - Green Square with Yellow Square on pile
SHL - Shoaling
SND - Sound
STM - Statue Mile
TEMP - Temporary Aid Change
TR - Red Triangle on pile
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TR-TY - Red Triangle with Yellow Triangle on pile
TRUB - Temporarily Replaced by Unlighted Buoy

Additional Abbreviations Specific to this LNM Edition:

LED - Light Emitting Diode

LWP - Light Watching Properly

CPA - Point of Closest Approach

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

OREGON - WILLAMETTE RIVER - Willamette Falls Navigational Locks Closure

The Willamette Falls Locks, located at mile 26.1 on the Willamette River, will be closed indefinitely beginning at 2000 local on 30 Sep 04. Funding for the continued operation and maintenance of the locks is pending approval of fiscal year 2005 appropriations. The Locks will remain open for public use through 30 Sep 04 from 0700 to 2000 local, Monday through Thursday, and from 1000 to 2000 local, Friday through Sunday. For additional information, contact U.S Army Corps of Engineers, Public Affairs Office at (503) 808-4510 or visit the Portland District web page at <https://www.nwp.usace.army.mil/op/b/wfl.htm>.

Chart 18528

LNM: 35/04

WASHINGTON - SAN JUAN ISLANDS - Construction

Caldwell Marine International will be working a submarine cable project at the following San Juan Islands: Decatur to Blakely crossing, Blakely to Orcas Crossing, Orcas to Shaw crossing and the Shaw to Lopez crossing 30 Aug through 24 Sep 04. The vessels on location are the CMI Cable Lay Barge, Tug Island Mist WDA 3553 and the Tug Island Eagle WDB 2798. All the vessels will be monitoring VHF-FM Channels 10 and 16. For additional information, contact Caldwell Marine International at (732) 557-6114.

Chart 18421

LNM: 35/04

WASHINGTON - OFF SHORE - Research Buoys

The U.S. Navy will be deploying two temporary research buoys in approximate positions 46-51-24N 124-52-42W and 46-50-24N 124-52-42W on or about 17 Sep 04 through approximately 28 Sep 04. The characteristics of both buoys will be Quick 5 Yellow 20s (Q5 Y 20s). For additional information, contact SPAWARSYSCEN San Diego at (619) 553-1962.

Chart 18500

LNM: 34/04

WASHINGTON - ADMIRALTY INLET - Dive Operations

The M/V Lu-Jac's Quest will be conducting dive operations in approximate position of 47-55-36.5N 122-30-40.0W from 0930 to 1600 local on 6 Sep 04. M/V Lu-Jac's Quest will be monitoring VHF-FM Channels 13 and 14.

Chart 18449

LNM: 34/04

COLUMBIA RIVER - APPROACHES TO ASTORIA - Navigation Hazard

A 20 ft pleasure craft sank south of the west end of Little Sand Island in approximate position 46-15-16.6N 123-59-45.9 and is posing a hazard to navigation. Mariners are requested to use caution in the vicinity of the sunken vessel. For additional information, contact U.S. Coast Guard Group Astoria at (503) 861-6211.

Chart 18521

LNM: 33/04

WASHINGTON - OFF SHORE - Gunnery Exercise

The U.S. Coast Guard will be conducting live firings in area W-237B from 1900Z 07 Sep to 0100Z 08 Sep 04. For additional information, contact the U.S. Coast Guard at (360) 417-5980.

Charts 18480, 18500

LNM: 33/04

ALASKA - LORAN-C - PORT CLARENCE

The United States Coast Guard is considering relocating its Loran-C operations from Port Clarence, Alaska (7960-Z/9990-Y) to Nome, Alaska. This proposal could alter the operations and coverage provided by the North Pacific (9990) and Gulf of Alaska (7960) Loran-C chains. Disestablishing Loran-C Station Port Clarence and establishing a new Loran-C Station in the Nome, Alaska area will likely affect the public's usage of Loran-C. While the coverage area provided by the 9990 and 7960 Loran-C chains will vary only slightly, users will no longer be able to use the 9990-Y or 7960-Z baselines without having their receivers reprogrammed to reflect the changes in latitude and longitude. It is possible that receivers that are not reprogrammed could provide hazardously misleading information to the user. In addition, timing users will need to determine a new reference value due to the geographic location of the station.

At this time, the Coast Guard is seeking comments only with respect to the impact on Loran-C operations. After this has been considered, should the Coast Guard choose to continue with this proposal, the Coast Guard will prepare an Environmental Assessment. Comments should be addressed to LT Kirk W. Montgomery at (703) 313-5872 or email: kmontgomery@navcen.uscg.mil.

Chart N/A LNM: 32/04

WASHINGTON - APPLETON NDGPS Off Air Approval

NDGPS Appleton will be unusable from 1700 to 1900Z on 11 Sep 04. The alternate time will be from 1700 to 1900Z on 12 Sep 04. For additional information or objections, contact Navigation Center DGPS Operations at (707) 765-7612.

Chart N/A LNM: 32/04

OREGON - FORT STEVENS NDGPS Off Air Approval

NDGPS Fort Stevens will be unusable from 1600 to 2000Z on 14 Sep 04. The alternate time will be from 1600 to 2000Z on 15 Sep 04. For additional information or objections, contact Navigation Center DGPS Operations at (707) 765-7612.

Chart N/A LNM: 32/04

WASHINGTON - SPOKANE NDGPS Off Air Approval

NDGPS Spokane will be unusable from 1700 to 1900Z on 14 Sep 04. The alternate time will be from 1700 to 1900Z on 15 Sep 04. For additional information or objections, contact Navigation Center DGPS Operations at (707) 765-7612.

Chart N/A LNM: 31/04

MONTANA - LORSTA HAVRE - LORAN-C Proposed Outage

LORAN Station Havre (Rate 8290-M) proposes an unusable time from 1500 to 1900Z on 28 Sep 04. The alternate time will be from 1500 to 1900Z on 29 Sep 04. Objections will be considered until 1500Z on 23 Sep 04. For additional information or objections, contact the Chain Operations Control Officer, U.S. West Coast Chain at (707) 765-7518/7598.

Chart N/A LNM: 31/04

WASHINGTON - TACOMA HARBOR - Excavation Activities

NRC Environmental Services Inc will be conducting excavation activities in the tidal zone at the head of Middle Waterway from 29 Jul to 30 Sep 04. Mariners are requested to minimize wake in the vicinity of the excavation. For additional information, contact NRC Environmental Services Inc at (206) 546-7176.

Chart 18453 LNM: 31/04

WASHINGTON - STRAIT OF JUAN DE FUCA - Puget Sound Vessel Traffic Services Measure (33CFR161.11)

In support of the Cooperative Vessel Traffic Services (CVTS) Agreement all vessels over 300GT inbound for the U.S. via the Strait of Juan De Fuca are required to submit a 24 hour CVTS offshore advancement report. Follow the IMO Standard Ship Reporting system (Resolution A.648 (16), MSC/WP6). Submit the report using the methods below.

- Via e-mail, rmic-pacific@pac.dfo-mpo.gc.ca <<mailto:rmic-pacific@pac.dfo-mpo.gc.ca>>
- Via INMARSAT telex 04352586 "CGTC VAS VCR"
- Via any Canadian Coast Guard MCTS Centre, free of charge
- Or directly to CVTS Offshore by FAX: 604-666-8453

For additional information, contact Vessel Traffic Services, Puget Sound at (206) 217-6051.

Chart N/A LNM: 29/04

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

| LLNR | Aid Name | Status | Chart No | BNM Ref. | LNM St | LNM End |
|---------------|--|---|----------|-------------|--------|---------|
| 740/ 16075 | Quillayute River Approach Lighted Whistle Buoy Q | TEMP RELOC 47-53-24.4N 124-39-57.1W | 18480 | D13-0828-04 | 31/04 | |
| 10235 | Pillar Rock Lower Range Front Light | IMPCHA Focal plane 12ft lower REDINT / 3NM TEMP LED | 18523 | D13-0732-04 | 28/04 | |
| 10485 | Westport Dike Light 60 | REDINT / 3NM TEMP LED | 18523 | D13-0680-04 | 26/04 | |
| 12685 | Lake Umatilla Light 59 | REDINT | 18539 | D13-0986-04 | 35/04 | |
| 16221 | Race Rocks South Cautionary Lighted Buoy VF (Canadian Aid) | Off Station | 18465 | D13-0985-04 | 35/04 | |
| 16470 | Point Wilson Lighted Buoy 6 | MISS | 18471 | D13-0995-04 | 35/04 | |
| 17615 | Kilisut Harbor Daybeacon 8 | Structure MISS / TRUB Off Station | 18441 | D13-0905-03 | 32/04 | |
| 19265 | Bellingham Breakwater Entrance Light 2 | Characteristics TEMP changed to FI R 2.5s 5NM / F/S INOP | 18421 | D13-0818-04 | 30/04 | |
| 19540 | Iceberg Point Light 2 | EXT / F/S INOP | 18421 | D13-0982-04 | 35/04 | |

| | | | | | |
|-------|---|--------------------------------|-------|-------------|-------|
| 19935 | International Boundary Range C Front Light | IMPCHA / DBD Faded and Peeling | 18421 | D13-1191-02 | 38/02 |
|-------|---|--------------------------------|-------|-------------|-------|

DISCREPANCIES (FEDERAL AIDS) CORRECTED

| LLNR | Aid Name | Status | Chart No | BNM Ref. | LNM St | LNM End |
|------|----------|--------|----------|----------|--------|---------|
|------|----------|--------|----------|----------|--------|---------|

DISCREPANCIES (PRIVATE AIDS)

| LLNR | Aid Name | Status | Chart No | BNM Ref. | LNM St | LNM End |
|----------|---|-----------------------|----------|-------------|--------|---------|
| 9185 | North Slough Channel Daybeacon 4 | IMPCHA | 18587 | D13-0478-04 | 18/04 | |
| 9190 | North Slough Channel Daybeacon 8 | IMPCHA | 18587 | D13-1144-02 | 36/02 | |
| 9195 | Haynes Inlet Channel Daybeacon 1 | IMPCHA | 18587 | D13-0479-04 | 18/04 | |
| 9205 | Haynes Inlet Channel Daybeacon 5 | IMPCHA | 18587 | D13-0480-04 | 18/04 | |
| 9210 | Haynes Inlet Channel Daybeacon 7 | IMPCHA | 18587 | D13-0481-04 | 18/04 | |
| 12930.6 | Lower Middle Channel Approach Buoy E | MISS | 18542 | D13-0800-04 | 30/04 | |
| 12930.7 | Lower Middle Channel Approach Buoy G | MISS | 18542 | D13-0954-04 | 34/04 | |
| 12930.9 | Lower Middle Channel Approach Buoy 3 | IMPCHAR / Off station | 18542 | D13-0955-04 | 34/04 | |
| 12930.94 | Lower Middle Channel Approach Buoy 9 | IMPCHAR / Off station | 18542 | D13-0953-04 | 34/04 | |
| 15030 | Oswego North Pier Light | IMPCHAR | 18528 | D13-0973-04 | 35/04 | |
| 15035 | Oswego South Pier Light | IMPCHAR | 18528 | D13-0974-04 | 35/04 | |
| 16310 | Port Angles Dock Light | IMPCHAR | 18465 | D13-0898-04 | 32/04 | |
| 17082 | Redondo Floating Breakwater Lights (3) | 3 of 3 MISS | 18448 | D13-1004-04 | 35/04 | |
| 17127 | Middle Waterway Buoy 1 | MISS | 18448 | D13-0926-04 | 33-04 | |
| 17731 | Mariculture Lighted Buoys (2) | EXT | 18441 | D13-0957-04 | 35/04 | |
| 18165 | Lower Guide Wall Light | IMPCHAR | 18447 | D13-0840-04 | 31/04 | |
| 18175 | Upper Guide Wall Light | IMPCHAR | 18447 | D13-0841-04 | 31/04 | |

DISCREPANCIES (PRIVATE AIDS) CORRECTED

| LLNR | Aid Name | Status | Chart No | BNM Ref. | LNM St | LNM End |
|------|----------|--------|----------|----------|--------|---------|
|------|----------|--------|----------|----------|--------|---------|

SECTION III – TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

| LLNR | Aid Name | Status | Chart No | BNM Ref. | LNM St | LNM End |
|-------|------------------------------|-------------|----------|-------------|--------|---------|
| 16856 | Coast Guard Pier Light North | TEMP DISCON | 18449 | D13-0729-03 | 26/03 | |
| 16857 | Coast Guard Pier Light South | TEMP DISCON | 18449 | D13-0729-03 | 26/03 | |

TEMPORARY CHANGES CORRECTED

| LLNR | Aid Name | Status | Chart No | BNM Ref. | LNM St | LNM End |
|------|----------|--------|----------|----------|--------|---------|
| None | | | | | | |

SECTION IV – CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which Chart(s) are to be corrected. The following example explains the individual elements of a typical chart correction.

| Chart Number | Chart Edition | Edition Date | Last Local Notice to Mariners | Horizontal Datum Reference | Source of Correction | Current Local Notice to Mariner |
|---|---------------------|--|-------------------------------|----------------------------|----------------------|---------------------------------|
| 18427 | 20 TH ed | 3/18/2000 | Last LNM 25/99 | NAD 83 | (NOS Silver Spring) | 40/99 |
| <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;"> <p>Chart Title: WA – ANACORTES TO SKAGIT BAY - (Temp)</p> <p>↑</p> <p>Corrective Action</p> </div> <div style="text-align: center;"> <p>Add</p> <p>↑</p> <p>Object of Correction Action</p> </div> <div style="text-align: center;"> <p>at</p> <p>↑</p> <p>Position</p> </div> </div> | | | | | | |
| | | Ben Ure Island Light 2, FI R 4s, 25ft 4M | | | | 48°24'12.1"N 124°37'42.0"W |

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

| | | | | | | |
|---|----------------|---|-----------------------|---------------|------------------|--------------------------|
| 18421 | 46th ed | Sep 2003 | Last LNM 29/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA | | | | | | |
| | Change | International Boundary Obstruction Light East height to 36ft | | | at | 49-00-07.0N 123-01-11.8W |
| 18423 | 34th ed | Dec 2003 | Last LNM 29/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - BELLINGHAM TO EVERETT INCLUDING SAN JUAN ISLANDS | | | | | | |
| | Change | Bellingham Breakwater Entrance Light 1 nominal range to 5NM | | | at | 48-45-13.7N 122-30-25.9W |
| 18424 | 26th ed | Jul 2004 | Last LNM 33/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - BELLINGHAM BAY | | | | | | |
| | Change | Bellingham Breakwater Entrance Light 1 nominal range to 5NM | | | at | 48-45-13.7N 122-30-25.9W |
| 18440 | 27th ed | Nov 2003 | Last LNM 34/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - PUGET SOUND | | | | | | |
| | Change | Point Defiance Light nominal range to 9NM | | | at | 47-19-00.4N 122-32-53.2W |
| 18441 | 43rd ed | Jul 2003 | Last LNM 34/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - PUGET SOUND - NORTHERN PART | | | | | | |
| | Change | Point Monroe Light nominal range to 9NM | | | at | 47-42-30.6N 122-30-40.8W |
| 18445 | 30th ed | Oct 2003 | Last LNM 34/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - PUGET SOUND - POSSESSION SOUND TO OLYMPIA INCLUDING HOOD CANAL | | | | | | |
| | Change | Point Monroe Light nominal range to 9NM | | | at | 47-42-30.6N 122-30-40.8W |
| | Change | Thea Foss Waterway Light nominal range to 9NM | | | at | 47-15-42.0N 122-26-11.3W |
| | Change | Dofflemyer Point Light height to 30ft | | | at | 47-08-29.3N 122-54-28.5W |
| | Change | Point Defiance Light nominal range to 9NM | | | at | 47-19-00.4N 122-32-53.2W |
| 18446 | 16th ed | Aug 2003 | Last LNM 34/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - PUGET SOUND - APPLE COVE POINT TO KEYPORT | | | | | | |
| | Change | Point Monroe Light nominal range to 9NM | | | at | 47-42-30.6N 122-30-40.8W |
| 18448 | 33rd ed | Sep 2003 | Last LNM 29/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - PUGET SOUND - SOUTHERN PART | | | | | | |
| | Change | Dofflemyer Point Light height to 30ft | | | at | 47-08-29.3N 122-54-28.5W |
| | Change | Point Defiance Light nominal range to 9NM | | | at | 47-19-00.4N 122-32-53.2W |
| 18453 | 24th ed | Jan 2003 | Last LNM 29/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - TACOMA HARBOR | | | | | | |
| | Change | Thea Foss Waterway Light nominal range to 9NM | | | at | 47-15-42.0N 122-26-11.3W |
| | Change | Point Defiance Light nominal range to 9NM | | | at | 47-19-00.4N 122-32-53.2W |
| 18456 | 19th ed | 21 Mar 1998 | Last LNM 22/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - OLYMPIA HARBOR AND BUDD INLET | | | | | | |
| | Change | Dofflemyer Point Light height to 30ft | | | at | 47-08-29.3N 122-54-28.5W |
| 18468 | 17th ed | 10 Aug 1996 | Last LNM 04/03 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA – PORT ANGELES | | | | | | |
| | Change | Coast Guard Mooring Breakwater Obstruction Light nominal range to 5NM | | | at | 48-08-22.5N 123-24-42.6W |
| | Change | Coast Guard Mooring Basin Light 2 nominal range to 3NM | | | at | 48-08-21.4N 123-24-44.1W |
| 18473 | 7th ed | Dec 2002 | Last LNM 34/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - PUGET SOUND - OAK BAY TO SHILSHOLE BAY | | | | | | |
| | Change | Point Monroe Light nominal range to 9NM | | | at | 47-42-30.6N 122-30-40.8W |

| | | | | | | |
|--|---|----------|----------------|--------|-----------------------------|-------|
| 18474 | 8th ed | Oct 2003 | Last LNM 29/04 | NAD 83 | (CCGD 13) | 35/04 |
| Chart Title: WA - PUGET SOUND - SHILSHOLE TO COMMENCEMENT BAY | | | | | | |
| Change | Point Defiance Light nominal range to 9NM | | | | at 47-19-00.4N 122-32-53.2W | |

| | | | | | | |
|---------------------------------------|---------------------------|----------|----------------|--------|--------------------------------------|-------|
| 18502 | 85th ed | Jun 2004 | Last LNM 31/04 | NAD 83 | (NOS NW -8014) | 35/04 |
| Chart Title: WA - GRAYS HARBOR | | | | | | |
| Change | Tabulation – Grays Harbor | | | | centered at 46-56-12.0N 123-47-06.0W | |

| | | | | | | |
|-----------------------------------|--|----------|----------------|--------|-----------------------------|-------|
| 18587 | 69th ed | May 2004 | Last LNM 34/04 | NAD 83 | (NOS NW –7895,8101,41) | 35/04 |
| Chart Title: OR - COOS BAY | | | | | | |
| Add | Tabulation – Coos Bay and Isthmus Slough Channel | | | | at 43-22-51.0N 124-15-07.0W | |

OIL RIG MOVEMENT

| Drill Rigs/Vessels Re moved | | | | | | |
|-----------------------------|-----------|-------|-------------|-------|------|--------|
| Latitude | Longitude | Block | Rigs/Vessel | Chart | Type | Status |
| None | | | | | | |

| Drill Rigs/Vessels Established | | | | | | |
|--------------------------------|-----------|-------|-------------|-------|------|--------|
| Latitude | Longitude | Block | Rigs/Vessel | Chart | Type | Status |
| None | | | | | | |

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

| <u>Waterway</u> | <u>Project Date</u> | <u>Ref. LNM</u> |
|-----------------|---------------------|-----------------|
| None | | |

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office Attn John Barberi (206) 220-7276 unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

| <u>Waterway</u> | <u>Closing</u> | <u>Docket No.</u> | <u>Ref. LNM</u> |
|---|-----------------|-------------------|-----------------|
| WASHINGTON – ADMIRALTY INLET AND PUGET SOUND TO SEATTLE | 01 October 2004 | | LNM: 35/04 |

Navigation Aids: Due to vandalism and to accommodate the solarization of the light

Relocate Point Monroe Light (LLNR 16750/17915) to approximate position 47 42 37N, 122 30 40W. Additionally, change the light characteristics from Iso W 6s to flashing white every 2.5 seconds (FL W 2.5s), change the nominal range from six (6) to seven (7) nautical miles, change the focal height from 30 to 15 feet and change obscured from 321 to 089 degrees true to visible all around (omni-directional).

Charts 18441, 18445, 18446, 18473

| <u>Waterway</u> | <u>Closing</u> | <u>Docket No.</u> | <u>Ref. LNM</u> |
|-----------------------------|----------------|-------------------|-----------------|
| WASHINGTON – BELLINGHAM BAY | 10 Sept 2004 | | LNM: 31/04 |

Navigation Aids: To accommodate the solarization of the light.

Change light characteristics of Bellingham Breakwater Entrance Light 2 (LLNR 19265) from Occulting red four-second (OC R 4s) to flashing red every 2.5 seconds (FL R 2.5s) and change the nominal range from six (6) to five (5) nautical miles. Additionally, discontinue the fog signal.

Chart 18424

Navigation Aids: To properly mark the increased size of the Restricted Area behind Little Goose Dam.

Relocate Little Goose Reservoir Lighted Buoy "1" (LLNR 13675) to approximate position 46 35 09N, 118 01 04W.

Relocate Little Goose Dam Buoy "A" (LLNR 13680) to approximate position 46 35 01N, 118 01 23W and change the LLNR to 13676.

Relocate Little Goose Dam Buoy "B" (LLNR 13685) to approximate position 46 35 04N, 118 01 17W and change the LLNR to 13677.

Relocate Little Goose Dam Buoy "C" (LLNR 13690) to approximate position 46 35 06N, 118 01 11W and change the LLNR to 13678.

Relocate Little Goose Dam Buoy "D" (LLNR 13695) to approximate position 46 35 13N, 118 01 05W and change the LLNR to 13679.

Establish Little Goose Dam Buoy "E" (LLNR 13680) a white can with orange bands and diamond with orange center cross worded DAM, in approximate position 46 35 18N, 118 01 07W.

Establish Little Goose Dam Buoy "F" (LLNR 13681) a white can with orange bands and diamond with orange center cross worded DAM, in approximate position 46 35 23N, 118 01 09W.

Establish Little Goose Dam Buoy "G" (LLNR 13682) a white can with orange bands and diamond with orange center cross worded DAM, in approximate position 46 35 22N, 118 01 15W.

Establish Little Goose Dam Buoy "H" (LLNR 13683) a white can with orange bands and diamond with orange center cross worded DAM, in approximate position 46 35 22N, 118 01 22W.

Establish Little Goose Dam Buoy "I" (LLNR 13684) a white can with orange bands and diamond with orange center cross worded DAM, in approximate position 46 35 21N, 118 01 28W.

Establish Little Goose Dam Buoy "J" (LLNR 13685) a white can with orange bands and diamond with orange center cross worded DAM, in approximate position 46 35 21N, 118 01 34W.

Chart 18547

Navigation Aids: To accommodate a Light Emitting Diode (LED).

Rosario Strait Traffic Lane Lighted Buoy "C" (LLNR 19520). Discontinue the flashing yellow four second light (FL Y 4s) and install a 6NM yellow 2.5 second Light Emitting Diode (LED) lantern (FL Y 2.5s).

Rosario Strait Traffic Lane Separation Lighted Buoy "CA" (LLNR 19535). Discontinue the flashing yellow four second light (FL Y 4s) and install a 6NM yellow 2.5 second Light Emitting Diode (LED) lantern (FL Y 2.5s).

Strait of Juan De Fuca Traffic Lane Separation Lighted Buoy "J" (LLNR 16135/755). Discontinue the flashing yellow four second light (FL Y 4s) and install a 6NM yellow 2.5 second Light Emitting Diode (LED) lantern (FL Y 2.5s).

Strait of Juan De Fuca Traffic Lane Separation Lighted Buoy "PA" (LLNR 16222). Discontinue the flashing yellow four second light (FL Y 4s) and install a 6NM yellow 2.5 second Light Emitting Diode (LED) lantern (FL Y 2.5s).

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

OREGON - Bridge Information

Siuslaw River

The U.S.101 Bridge at Florence need not open for the passage of vessels from 0001 local 07 Sep to 2359 local 29 Oct 04. The temporary closure is authorized for a resurfacing project on the double-leaf bascule.

Chart 18583

LNM: 20/04

OREGON - Bridge Information

Siuslaw River

The U.S.101 Bridge at Florence need not open for the passage of vessels from 0001 local 18 Oct to 2359 local 30 Nov 04. The temporary closure is authorized for a resurfacing project on the double-leaf bascule.

Chart 18583

LNM: 26/04

OREGON - Bridge Information

Coquille River

The Bullard Ferry Bridge at Coquille River mile 3.5 has been disabled and cannot open for vessel traffic until repairs are made.

Chart 18588

LNM: 12/04

OREGON - Bridge Information (Revisions of LNM 04/04)

Willamette River

The Broadway Bridge at mile 11.7 will require 24 hour notification for openings from 27 Feb to 15 Nov 04 due to operations related to painting.

Chart 18526

LNM: 09/04

OREGON - Bridge Information

Willamette River

During the following periods the Broadway Bridge at mile 11.7 need not be opened for vessels from 0600 local on the start date to 0600 local on the end date: 29 Aug to 01 Sep, 02-05 Sep 04. From 07 Jul through 04 Sep 04, 24 hour notice must be provided for openings. These deviations from normal operations accommodate the ongoing paint and repair project on the bridge.

Chart 18526

LNM: 23/04

OREGON - Bridge Information

Willamette River

The Burnside Bridge at mile 12.4 need not open for the passage of vessels from 0700 to 1100 local on 19 Sep 04, to accommodate public events.

Chart 18526

LNM: 14/04

OREGON - Bridge Information

Willamette River

The Hawthorne Bridge at mile 13.1 need not open for the passage of vessels from 1030 to 1130 local on 26 Sep 04, to accommodate a public event.

Chart 18526

LNM: 35/04

COLUMBIA RIVER - Bridge Information

Vancouver

The dual liftspans of the Interstate 5 dual vertical lift bridges at river mile 106.5 will be effected throughout the summer of 2004 by a major mechanical-electrical rehabilitation project. Scheduled openings will occur, if requested, at 2100 local on 03 and 17 Sep and 01 Oct 04. The draws will not return to normal operations until 2100 local on 15 Oct 04.

Charts 18524, 18526

LNM: 12/04

COLUMBIA RIVER - Bridge Information

Hood River

The Hood River White Salmon Bridge at mile 169.8 is stuck in the closed position.

Charts 18532

LNM: 21/04

WASHINGTON - Bridge Information

Snohomish River

The Burlington Northern Santa Fe Railroad Bridge #37 at mile 3.5 will have construction equipment for repairing the fender system of the main span and will temporarily be in and out of the channel until some time in October 2004. Mariners are advised to pass with caution.

Chart 18444

LNM: 33/04

WASHINGTON - Bridge Information

Snohomish River

The dual vertical lift spans of the State Route 529 Bridges need not open for the passage of vessels from 0400 to 1200 local on 11 and 12 Sep 04. The temporary closure is for the replacement of a vertical lift cable.

Charts 18443, 18444

WASHINGTON - Bridge Information

Duwamish West Waterway

The Spokane Street Dual Swingspan at mile 0.3 – Vessel operators who need draw openings are requested to pass through a west span opening whenever safe passage through this half-opening is possible. The Coast Guard recognizes this limited operation for consenting vessels only. Cracking has been discovered in the vertical lift cylinder of the east span. The manufacture and replacement of this unique part will take months. Minimizing the load bearing of the cylinder may prevent a failure of the east span similar to the one that occurred in 2001 at the west span. Operators will continue to open both sides of the bridge to any vessel that requests a full opening.

Chart 18450

LNM: 11/02

WASHINGTON - Bridge Information

Montlake Bridge

The Montlake Bridge draw need not open for the passage of vessels from 1300 to 1500 and 1730 to 1930 local on 05 Sep 04, to accommodate heavy road traffic at Husky Stadium.

Chart 18447

LNM: 35/04

WASHINGTON - Bridge Information (Revision of LNM 32/03)

Tacoma Narrows Bridge

Construction – Barges and other equipment will be deployed at various locations around the piers of the new parallel bridge currently under construction. Mariners should be alert to anchor cables and give all equipment a wide berth. Tower cranes will be mounted to the new piers (towers) and will swing wide with the possibility of accidental fall of material. Vessels and divers are advised to avoid the area within a 500-foot radius of the piers at 47-15-54N 122-32-49W and 47-16-15N 122-33-15W. Buoys mark anchor cables for retrieval. Lights may be extinguished by submersion in strong currents. The approximate position of these buoys at slack water are 47-16-04N 122-32-38W, 47-15-52N 122-32-43W, 47-15-50N 122-32-58W, 47-15-55N 122-33-00W, 47-16-13N 122-33-08W, 47-16-10N 122-33-17W, 47-16-05N 122-33-31W.

Charts 18448, 18474

LNM: 35/04

WASHINGTON - Bridge Information

Hood Canal

The Hood Canal Bridge is unable to open on incoming tides until further notice.

Chart 18476

LNM: 33/04

WASHINGTON - Bridge Information

Everett

State Route 529 Swingspan Bridge across Steamboat Slough at Everett is inoperable due to mechanical failure until further notice.

Chart 18443

LNM: 36/03

Bridge Lighting Discrepancies:

Lights on the following bridges have been reported extinguished.

| Waterway and Mile | Bridge Name | Location | Status | Date reported | BNM | LNM |
|-----------------------------|------------------|-----------------|--------|---------------|---------|-------|
| Willamette River Mile 25.5 | I-205 Bridge | Oregon City, OR | EXT | 27 Jul 04 | 0843-04 | 31/04 |
| Pend Oreille River Mile 0.2 | BNSFRR Bridge 31 | Sand Point, ID | EXT | 23 Jul 04 | N/A | 32/04 |

Bridge Lighting Discrepancies Corrected:

The following bridge discrepancies have been corrected since the last Local Notice to Mariners:

| Waterway and Mile | Bridge Name | Location | Status | Date reported | BNM | LNM |
|---------------------------|------------------------------------|------------|--------|---------------|---------|-------|
| Hylebos Waterway Mile 1.1 | 11 th Street Drawbridge | Tacoma, WA | LWP | 24 Aug 04 | 0971-04 | 35/04 |

THIRTEENTH COAST GUARD DISTRICT - 2004 Special Local Notice to Mariners

U.S. Coast Guard District 13 has Published the 2004 Special Local Notice to Mariners. The Special Local Notice to Mariners is available for down load from the web at <http://www.uscg.mil/d13/oan/slnm2004.pdf> or <http://www.navcen.uscg.gov/lnm/d13/slnm2004.pdf>. A limited number of Special Local Notice to Mariners are available for mailing by calling (206) 220-7270.

Chart N/A

LNM: 27/04

THIRTEENTH COAST GUARD DISTRICT - Request for information on the use of large-scale driftnets on the high seas (Revision to LNM 09/04)

The United States Coast Guard (USCG) requests mariners be on the lookout for and report any observed driftnets or vessels engaged in driftnet fishing on the high seas (more than 200NM from shore). Sighting information may be made to any of the following Coast Guard offices:

| Offices | Phone | Fax | Telex | Email |
|---|----------------------------------|----------------|-----------|--|
| USCG Pacific Area Alameda, CA Commander (Poo) Coast Guard Island, 51-5 Alameda, CA 94568 | 1-800-246-7236 1-510-437-3701 | 1-510-437-3017 | 230172343 | OD11/Pacarea@d11.uscg.mil |
| USCG 14th District Honolulu, HI Commander D14 (ole) 300 Ala Moana Blvd Honolulu, HI 96850-4982 | 1-800-331-6176 1-808-541-2500 | 1-808-541-2123 | | D14ccdutyofficer@D14.uscg.mil |
| USCG 17th District Juneau, AK Commander D17 (ole) PO Box 25517, Rm 771 Juneau, AK 99802-5517 | 1-800-478-5555 1-907-463-2000 | 1-907-463-2023 | 49615066 | D17-cc@cgalaska.uscg.mil |

Illegal high seas driftnet (HSDN) fishing has historically been conducted in the Northwest Pacific Ocean. Mariners following great circle routes between North America and Asia are most likely to encounter this activity. Fishing activity normally takes place between 01 Apr and 31 Aug. However, illegal activity may occur in other areas and at other times of the year.

Information desired include date, time, position, description of gear/vessel, name of vessel, home port and observed activity. Video or photographs are highly desired and can be mailed or emailed to any of the offices above.

HSDN Fishing Vessel Characteristics:

HSDN fishing vessels typically range from 120 to 200 feet in length and are usually in fair to poor condition. Distinguishing characteristics include: Net tube: A large, usually white tube, which extends from the working deck to the net bin located aft. This tube is about two feet in diameter, runs along the port or starboard side of the superstructure, and is clearly visible from both the surface and air.

Net bin: A structure normally located on an aft deck in which the nets are stored.

Net spreader: A triangular or roller net spreading device, which prevents the net from becoming entangled as it enters the water. While only visible from the stern, this is one characteristic, which clearly distinguishes a HSDN fishing vessel from a longline or other fishing vessel.

Transponders: The radio transponders are approximately 4-6 ft tall, are used to mark the end of a net and are normally stored in racks on the weather decks.

When the net is in the water, it is normally suspended using cylindrical floats spaced every few feet, similar to swimming pool lane markers, with the ends of the nets marked with radio transponders. Other types of floats may be used, including larger spherical floats about 2-3 ft in diameter. The driftnets may vary from a couple hundred yards to several nautical miles in length.

Chart N/A

LNM: 32/04

THIRTEENTH COAST GUARD DISTRICT - Reporting suspicious activity

The Department of Homeland Security (DHS) encourages the maritime public to report information concerning suspicious activity to the National Response Center (NRC) at (800) 424-8802. The U.S. Coast Guard reminds the maritime industry that they may also report information concerning activity to their Local Federal Bureau of Investigation (FBI) Joint Terrorism Task Force (JTTF) Office, <http://www.fbi.gov/contact/fo/fo.htm>, or to other appropriate authorities. Individuals can contact the DHS Watch and Warning Unit at (202) 323-3205, toll free at (888) 585-9078, or by e-mail to nipc.watch@fbi.gov.

Chart N/A

LNM: 15/03

COLUMBIA RIVER - OFF SHORE - Research Buoys

The Scripps Institution of Oceanography has deployed the following research buoys. Each buoy is yellow with a flashing yellow 4 second light (FL Y 4s).

Buoy RN 46-26-14.7N, 124-18-04.8W

Buoy RC 46-10-01.4N, 124-11-43.4W

Buoy RN 46-03-10.7N, 124-06-01.6W

Charts 18500, 18520

LNM: 26/04

COLUMBIA RIVER - APPROACHES TO ASTORIA - Scientific Buoy

The Oregon Health and Science University has temporarily deployed a Lighted Research Buoy (yellow can) at approximate position 46-10-30.0N 124-07-06.0W showing a Flashing Yellow 4 seconds (FL Y 4s) light. The buoy is expected to remain in place until 31 Oct 04. For additional information, contact Oregon Health and Science University at (503) 748-4059.

Chart 18521

LNM: 23/04

COLUMBIA RIVER - APPROACHES TO ASTORIA - Scientific Buoys (Revision to LNM 18/04)

Oregon State University has deployed 13 scientific buoys from bank to bank near Jim Crow Point at river mile 29 on the Columbia River. Each buoy is a system of four 7in by 15in Styrofoam floats with attached contact information. For additional information, contact Oregon State University at (541) 737-2592.

Charts 18521, 18523

LNM: 26/04

COLUMBIA RIVER - ASTORIA - Construction Projects (Revision of LNM 45/02)

Marine construction activities are scheduled near Astoria on the Oregon side of the Columbia River at the Port of Astoria's Pier III near river mile 11. This is a long-term project that is expected to last until 2005. Mariners should use caution near the 1100-foot pier, as piles may not be visible at high tide. For questions concerning the long-term Pier III project contact the Port of Astoria at (503) 325-4521.

Chart 18521

LNM: 35/03

COLUMBIA RIVER - WILLAMETTE RIVER - Construction

Ecology and Environment, Inc will be constructing a 25 acre sediment cap at river mile 7 of the Willamette River outside the navigational channel from 01 Jul to 31 Oct 04. Multiple barges will be in the area throughout the construction period. Mariners are requested to use caution in the vicinity of the construction. For additional information, contact Oregon Department of Environmental Quality at (503) 229-6748.

Chart 18526

LNM: 26/04

COLUMBIA RIVER - THE DALLES - Telemetry Barges

USGS Columbia River Research Lab deployed 20 6ft by 8ft pontoon barges, each showing flashing yellow 4 seconds (FL Y 4s) lights, located on the Oregon side, outside the shipping channel between the Dalles Dam and mile 193 on the Columbia River. An additional 28 pontoon barges were deployed in the Boat Restriction Zone (BRZ) above the Dalles Dam, each showing flashing yellow 4 seconds (FL Y 4s) lights. All the barges are to be removed prior to 31 Aug 04. For additional information, contact Columbia River Research Laboratory at (509) 538-2299 Ext 267.

Chart 18533

LNM: 15/04

COLUMBIA AND SNAKE RIVERS - 2004 Summer Seasonal Lockage Schedule for Recreational Craft

The U.S. Army Corps of Engineers, Walla Walla and Portland Districts, have implemented the 2004 summer seasonal lockage schedule effective from 15 May to 15 September 04 for the passage of recreational craft through the following navigation locks:

| Walla Walla District Locks | | | Portland District Locks | | |
|----------------------------|-------------------------|-------|-------------------------|-------------------------|-------|
| Navigation Lock | Location | Chart | Navigation Lock | Location | Chart |
| McNary Dam | Columbia River Mile 292 | 18539 | Bonneville Dam | Columbia River Mile 145 | 18531 |
| Ice Harbor Dam | Snake River Mile 9.7 | 18545 | The Dalles Dam | Columbia River Mile 191 | 18533 |
| Lower Monumental Dam | Snake River Mile 41.6 | 18545 | John Day Dam | Columbia River Mile 216 | 18535 |
| Little Goose Dam | Snake River Mile 70.3 | 18546 | | | |
| Lower Granite Dam | Snake River Mile 107.3 | 18548 | | | |

When a recreational vessel lockage schedule is in effect, recreational vessels will only be allowed to lock through at the times designated for such lockages and they will take precedence over commercial vessels. Commercial vessels will continue to be locked through upon arrival except during the times specified for recreational vessel lockages. At the discretion of the lock operator, recreational vessels may be allowed to lock through with commercial craft. All vessel owner/operators lock through at their own risk. Follow the directions of the lock operator when using the locks or operating in the vicinity of the locks. The lock operator has the final authority on the suitability of a craft for lockage. Refer to the U.S. Army Corps of Engineers Safe Lockage Policy for Recreational Craft on the Columbia and Snake Rivers for additional safety requirements. For additional information on this matter or copies of the Safe Lockage policy, visit the following website: <http://www.nwp.usace.army.mil/op/s/nl> or contact the Walla Walla District at (509) 527-7115/(509) 527-7113 or the Portland District at (503) 808-4332/(503) 808-4333.

The three Portland District Locks and the five Walla Walla District Locks will use the same lockage schedule making the lockage times for the entire Columbia/Snake River system identical for recreational vessels. The following seasonal recreational craft lockage schedule will be implemented beginning 15 May 2004:

| Traffic Direction | Times | | | | |
|---------------------|-----------|------------|-----------|-----------|-----------|
| Upstream Lockages | 9:00 a.m. | 12:01 p.m. | 3:00 p.m. | 6:00 p.m. | 9:00 p.m. |
| Downstream Lockages | 9:30 a.m. | 12:30 p.m. | 3:30 p.m. | 6:30 p.m. | 9:30 p.m. |

Consideration will be given for special lockages to flotillas or other unique events sponsored by yacht clubs, marinas, and other groups, provided advance (24 hours) arrangements have been made with the appropriate operations manager or their appointed representative. The following project office and operations managers should be contacted for scheduling of special lockages:

| Project | Operations Managers | Phone Number | Alternate Number |
|-----------------------|------------------------|---------------------|---------------------|
| Bonneville | Chief Operator on Duty | (541) 374-8323 | N/A |
| The Dalles | Chief Operator on Duty | (541) 298-4007 | N/A |
| John Day | Chief Operator on Duty | (541) 298-9712 | N/A |
| McNary | Randell Ryan | (541) 922-2251 | (541) 922-3214 |
| Ice Harbor | Scott Sutliff | (509) 543-3251 | (509) 547-7783 |
| Lower Monumental | Matt Allen | (509) 282-7353 | (509) 282-3218 |
| Little Goose Project | Scott Ross | (509) 399-2233 x253 | (509) 399-2233 x231 |
| Lower Granite Project | Martin Mendiola | (509) 843-1493 x258 | (509) 843-1493 x231 |

Chart N/A

LNM: 19/04

OREGON / WASHINGTON - COASTAL REGION - Tsunami Reporting System

As part of the Pacific Tsunami Reporting System the following surface buoys have been deployed by NOAA. Each buoy is a 2.5-meter disk, red and white in color, with the word "TSUNAMI" on it. Each buoy has a "FL Y 4s" light.

| | |
|--------------|-----------------------|
| Buoy 46404 | 45-51-32N, 128-46-40W |
| Buoy 46405 | 42-54-10N, 130-54-32W |
| Buoy D - 127 | 45-31-26N, 127-35-38W |

Chart 501

LNM: 29/03

OREGON / WASHINGTON - COASTAL REGION - NOAA

NOAA buoys 46404 and 46405 have been temporarily discontinued.

Chart 501

LNM: 14/04

WASHINGTON - OFF SHORE - Research Buoys

The Scripps Institution of Oceanography has deployed bottom mounted buoys within 6 fathoms of the bottom at positions 47-21-47.8N 124-45-23.2W and 47-26-53.6N 125-08-18.5W. The buoys will be recovered by 10 Oct 04 with the moors remaining on site. For additional information, contact Scripps Institution of Oceanography at (858) 534-6937.

Chart 18500

LNM: 28/04

WASHINGTON - OFFSHORE - Research Buoys

The Olympic Coast National Marine Sanctuary will be deploying research buoys in the waters of the sanctuary from 17 May to 08 Oct 04. These buoys will be anchored in depths between 15 and 42 meters. Each buoy will consist of unlit, 16ft halibut longline, and aluminum poles with floats and red flags, each topped with a radar reflector. The locations of the buoys are:

| Buoy | Latitude | Longitude | Planned depth |
|------|-------------|--------------|---------------|
| MB-1 | 48-19-30.0N | 124-40-54.0W | 15m |
| MB-2 | 48-19-18.0N | 124-44-18.0W | 42m |
| CA-1 | 48-09-54.0N | 124-45-24.0W | 15m |
| CA-2 | 48-09-54.0N | 124-48-12.0W | 42m |
| TH-1 | 47-52-30.0N | 124-37-06.0W | 15m |
| TH-2 | 47-50-42.0N | 124-37-42.0W | 31m |
| KL-1 | 47-35-54.0N | 124-25-36.0W | 15m |
| KL-2 | 47-35-36.0N | 124-29-36.0W | 27m |
| CE-1 | 47-21-19.0N | 124-28-06.0W | 42m |

For additional information, contact Olympic Coast National Marine Sanctuary at (360) 457-6622.

Chart 18480

LNM: 19/04

WASHINGTON - PORT ANGLES - Construction

Kiewit General Construction is performing work at the east side of Nipon Paper Mill at the Port Angles Graving Docks involving a floating crane and barge from 12 Jul to 03 Sep 04. The floating crane and barge will be moored with anchor lines and buoys with white lights attached. The floating crane will be monitoring VHF-FM Channels 14 and 16. Mariners are requested to use caution in the vicinity of the construction. For additional information, contact Kiewit General Construction at (360) 565-2718.

Chart 18468

LNM: 26/04

WASHINGTON - PUGET SOUND - Geoduck Harvesting

Geoduck harvesting will be conducted in the area of Freshwater Bay (west of Port Angles) Squamish Harbor and south of Hood Head (both on the west side of the Hood Canal Bridge) and at Lofall (on the south east side of the Hood Canal Bridge) from 22 Jun to 08 Oct 04. These operations will take place from 0800 until 1600 local, Monday through Friday, excluding state holidays. The Department of Natural Resources patrol boat will be onsite and monitoring VHF-FM Channel 8. Vessels transiting the area are requested to stay 300ft clear of divers. For additional information, contact Washington Department of Natural Resources at (360) 902-1100.

Chart 18465,18445

LNM: 26/04

WASHINGTON - STRAIT OF JUAN DE FUCA - PUGET SOUND - Security Zone of Passenger Vessels (Revision to LNM 06/03)

The Coast Guard is establishing a temporary moving security zone of 500 yards surrounding passenger vessels while within the waters of Puget Sound and adjacent waters. A passenger vessel is defined as any vessel over 100 feet in length (33 meters) carrying passengers for hire such as auto ferries, cruise ships, passenger ferries, and excursion vessels. All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course and shall proceed as directed by the Official Patrol or passenger vessel master. The Official Patrol will consist of a Coast Guard patrol, Federal Law Enforcement officer or a General Authority Washington Peace Officer, Limited Authority Washington Peace Officer, Specially Commissioned Washington Peace Officer, or the passenger vessel master. This order is issued under the authority of the Ports and Waterways Safety Act, Title 33, U. S. Code 1221 et. Seq., and the regulations issued thereunder, Title 33, Code of Federal Regulations Part 165.

Physical Boundaries: The following area is a security zone: All waters of Puget Sound, Washington State east of 123-30-00W [Datum: NAD 1983] within a 500 yard radius centered on passenger vessels while they are underway, anchored or moored.

Special Rules: All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course, and shall proceed as directed by the Official Patrol or the passenger vessel master. No vessels will be allowed to transit this area without the permission of the Coast Guard, the Official Patrol or the passenger vessel master. Penalties for violating the zone: The Ports and Waterways Safety Act prescribes that whoever violates an order issued under the act is liable to a civil penalty of not more than \$27,500 for each violation. Each day of continuing violation shall constitute a separate violation. If such a violation is willful, you are subject to a criminal penalty of not more than \$250,000 and/or six years imprisonment. This criminal penalty is classified as a class "D" felony under federal law. Contact the Coast Guard Marine Safety Office, Puget Sound at (206) 217-6215 or VHF-FM Channel 16 for more information.

Chart N/A

LNM: 32/03

WASHINGTON - PUGET SOUND - SEATTLE TO BREMERTON - Ongoing Construction of Pier 36

During ongoing construction at Pier 36 that is expected to be completed September 2005, barges will be moored on the western face of Pier 36 sporadically. Barges will be marked with white flashing lights on the west corners and extend off the face no more than 110 ft. Mariners are requested to exercise caution in the vicinity of Pier 36.

Chart 18449

LNM: 33/03

WASHINGTON - HOOD CANAL - Surface / Subsurface Operations

Naval Undersea Warfare Center Division, Keyport is operating an Undersea Unmanned Vehicle (UUV) in the vicinity of Oak Head at approximate position 47-40-01N 122-49-01W during day light hours until 15 Sep 04. The U.S. Navy Barge YC-1631, a small navy boat and a Dabob Range Guard Boat will be on scene. Mariners are requested to use caution in the vicinity, and may contact Navy Barge YC -1631 on VHF-FM Channel 16 or 18. For additional information, contact Navy Barge YC-1631 at (360) 265-2243.

Chart 18458

LNM: 25/04

WASHINGTON - PUGET SOUND - Acoustic Buoys

Evans-Hamilton, Inc has deployed two acoustic doppler current meters (ADCPs) in approximate positions 47-45-44.1N 122-23-56.4W and 47-46-43.4N 122-24-40.2W. The instruments are in aluminum cages resting on the sea floor with no surface expression and will remain in place until early Sep 04. For additional information, contact Evans-Hamilton, Inc at (206) 526-5622.

Chart 18441

LNM: 25/04

WASHINGTON - LAKE WASHINGTON - Lock Closure

The Hiram M. Chittenden Large Lock will be closed to all traffic, with the small lock remaining open to all vessels within size restrictions from 0001 20 Nov to 1600 local 03 Dec 04 for annual maintenance. For additional information, contact the Army Corps of Engineers at (206) 783-7000.

Chart 18447

LNM: 22/04

WASHINGTON - PUGET SOUND - DUWAMISH WATERWAY - Submerged Barge (Revision of LNM 05/03)

Six barges rather than the one barge previously reported in December 2002, have sunk in the Duwamish Waterway approximately 150 yards south of the 1st Avenue Bridge and are protruding into the west side of the channel. The owner of the partially submerged barge has marked the corner in the channel with a red float and a quick flashing red light. Attempts to salvage the barge have been unsuccessful. An announcement will appear in this publication as changes occur. Contact the Army Corps of Engineers at (206) 764-3429 for more information.

Chart 18450

LNM: 16/03

WASHINGTON - PUGET SOUND - Marine Events

| EVENT DATE | EVENT NAME | EVENT LOCATION | SPONSOR |
|--------------|---|----------------------------------|---|
| 08/31/2004 | Fall Evening Tues Eve | Lake Washington | Corinthian Yacht Club |
| 09/01/2004 | Fall Evening-PHRF | Meadow Pt | Corinthian Yacht Club |
| 09/01/2004 | Fall Evening Wed Eve | Lake Washington | Corinthian Yacht Club |
| 09/02/2004 | Fall Evening-One Design | Meadow Pt | Corinthian Yacht Club |
| 09/03/2004 | Friday Night Log Dodge | Possession Sound | Milltown Sailing Association |
| 09/03/2004 | September Six Pac | Sinclair Inlet | West Sound Corinthian YC |
| 09/04/2004 | PITCH Regatta | Bellingham Bay | Bellingham Bay |
| 09/05/2004 | Intern'al Cancer Cup Dragon Boat Festival | Lake Washington | Team Survivor Northwest |
| 09/05/2004 | Sailboat Races | Shilshole Marina to Point Monroe | Seattle Singles Yacht Club |
| 09/05/2004 | Harbor Days International Tugboat Races | Budd Inlet | South Sound Maritime Heritage Assoc |
| 09/05/2004 | PITCH Regatta | Bellingham Bay | Bellingham Bay |
| 09/07/2004 | Fall Evening Tues Eve | Lake Washington | Corinthian Yacht Club |
| 09/08/2004 | Fall Evening Wed Eve | Lake Washington | Corinthian Yacht Club |
| 09/1/20024 | September Six Pac | Sinclair Inlet | West Sound Corinthian YC |
| 09/10/2004 | September Six Pac | Sinclair Inlet | West Sound Corinthian YC |
| 09/11/2004 | Double Handed | Fidalgo Bay | Anacortes Yacht Club |
| 09/11/2004 | North Point | Lake Washington | Corinthian Yacht Club |
| 09/11/2004 | Heritage Race | Gig Hbr to Commencement Bay | Gig Harbor Peninsula Historical Society |
| 09/11/2004 | Cruise & Snooze | West Point to Point Monroe | Seattle Yacht Club |
| 09/11/2004 | Bellingham Bay One Design | Bellingham Bay | Bellingham Bay |
| 09/11/2004 | Mukilteo Lighthouse Festival | Mukilteo State Park | Mukilteo Lighthouse festival |
| 09/12/2004 | One-Design Fall Weekend | Meadow Pt | Corinthian Yacht Club |
| 09/12/2004 | Bellingham Bay One Design | Bellingham Bay | Bellingham Bay |
| 09/12/2004 | Cruise & Snooze | West Point to Point Monroe | Seattle Yacht Club |
| 09/12/2004 | Sailboat Races | Shilshole Marina to Point Monroe | Seattle Singles Yacht Club |
| 09/12/2004 | Fall Regatta | Possession Sound | Milltown Sailing Association |
| 09/12/2004 | Fall Regatta | Possession Sound | Milltown Sailing Association |
| 09/14/2004 | Fall Evening Tues Eve | Lake Washington | Corinthian Yacht Club |
| 09/15/2004 | Fall Evening Wed Eve | Lake Washington | Corinthian Yacht Club |
| 09/17/2004 | Maritime Festival | Thea Park, Tacoma | Childs' Fireworks Display Co., Inc. |
| 09/17/2004 | September Six Pac | Sinclair Inlet | West Sound Corinthian YC |
| 09/18/2004 | Wind Seekers Maritime Fest | Commencement Sound | Wind Seekers Yacht Club |
| 09/18/2004 | Bellingham Traverse | Bellingham Bay | Bellingham Benefits |
| 09/18/2004 | Star and Bar Regatta | Vicinity Shilshole Bay Marina | Seattle Yacht Club |
| 09/18/2004 | Dinghy Races | South Puget Sound | South Sound Sailing Society |
| 09/19/2004 | Sailboat Races | Shilshole Marina to Point Monroe | Seattle Singles Yacht Club |
| 09/19/2004 | Star and Bar Regatta | Vicinity Shilshole Bay Marina | Seattle Yacht Club |
| 09/19/2004 | Keelboat Races | South Puget Sound | South Sound Sailing Society |
| 09/19/2004 | Primal Quest | Around Orcas Island | California Sports Marketing, Inc. |
| 09/2,9,18/04 | Spring to Winter Series | Des Moines Area | Three Tree Point YC |
| 09/25/2004 | NW Harvest Benefit Race | Vicinity Shilshole Marina | Seattle Singles Yacht Club |
| 09/25/2004 | Norm Balnchard Wood Regatta | Lake Union | Center for Wooden Boats |
| 09/25/2004 | Cheney Cup | Fidalgo Bay | Anacortes Yacht Club |
| 09/25/2004 | Wind Seekers Fall #2 | Commencement Sound | Wind Seekers Yacht Club |
| 09/26//2004 | One-Design Fall Weekend | Meadow Pt | Corinthian Yacht Club |
| 09/26/2004 | Norm Balnchard Wood Regatta | Lake Union | Center for Wooden Boats |
| 09/27/2004 | Autumn Series | Possession Sound | Milltown Sailing Association |
| 09/27/2004 | Fall Regatta | Possession Sound | Milltown Sailing Association |

OREGON - PORTLAND - Marine Events

| EVENT DATE | EVENT NAME | EVENT LOCATION | SPONSOR |
|---------------|--|--|--------------------------------|
| 09/06/2004 | Columbia Cross Channel Swim | Columbia River at Hood River | Hood River Chamber of Commerce |
| 09/18-19/2004 | WA State Championship | Howard Amon Park, Richland WA | Mid Columbia Water Cross |
| 09/19/2004 | 11 th Annual Row for the Cure | Willamette River, Hawthorne Bridge to Fremont Bridge | Station L Rowing Club |
| 09/19/2004 | Columbia Crossing Swim | Chiawana Park to Columbia Park | Columbia Basin Dive Rescue |

SECTION VIII – LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks | |
|---|--|--------------------------------|--|---------------|--------------|---|--|-------|
| COLUMBIA RIVER TO DESTRUCTION ISLAND | | | | | | | | |
| 720 15530 | Grays Harbor Light | 46 53 18 N 124 07 01 W | Al W R 30s 0.1s W fl1 4.9s ec. 0.1 R fl1 4.9s ec. | 123 | W 20 R 18 | * | Emergency light Iso W 6s. Lighted throughout 24 hours. | 35/04 |
| 15530 720 | Grays Harbor - Light | 46 53 18 N 124 07 01 W | Al W R 30s 0.1s W fl1 4.9s ec. 0.1 R fl1 4.9s ec. | 123 | W 20 R 18 | * | Emergency light Iso W 6s. Lighted throughout 24 hours. | 35/04 |
| 16291 | Coast Guard Mooring - BREAKWATER OBSTRUCTION LIGHT | 48 08 23 N 123 24 43 W | FL Y 4s | 14 * | 5 * | NY on concrete wall. | | 35/04 |
| 16293 | - BASIN LIGHT 2 | 48 08 21 N 123 24 44 W | FI R 4s | 14 * | 3 * | TR on concrete wall. | | 35/04 |
| 16380 | Smith Island Light MINOR ISLAND LIGHT | 48 19 27 N 122 49 09 W | FI W 4s | 24 * | 6 | Cylindrical Tower. | | 35/04 |
| 16750 17915 | Puget Sound POINT MONROE LIGHT | 47 42 31 N 122 30 41 W | Iso W 6s | 30 | 9 * | NG on skeleton tower. | Obscured from 321° to 089°. | 35/04 |
| 17125 | Tacoma Harbor Thea Foss Waterway Light | 47 15 42 N 122 26 11 W * | FI W 6s | 23 | 9 * | Light on pile; horn on dock. | HORN: 2 blast ev 20s (2s bl-2s si-2s bl-14s si). | 35/04 |
| 17215 | Puget Sound Point Defiance Light | 47 19 00 N 122 32 53 W * | FI W 6s | 21 | 9 * | NG on pile structure. | HORN: 1 blast ev 15s (2s bl). | 35/04 |
| 17400 | Dana Passage - DOFFLEMYER POINT LIGHT | 47 08 29 N 122 54 29 W * | Iso W 6s | 30 | 9 | White pyramidal tower. | HORN: 1 blast ev 15s (2s bl). | 35/04 |
| 17800 | Hood Canal - LIGHT 8 | 47 48 49 N 122 42 52 W * | FI R 4s | 15 | 5 | TR on dolphin. | | 35/04 |
| 17915 16750 | Port Madison and Port Orchard POINT MONROE LIGHT | 47 42 31 N 122 30 41 W | Iso W 6s | 30 | 9 * | NG on skeleton tower. | Obscured from 321° to 089°. | 35/04 |
| 19240 | Bellingham Bay WHATCOM WATERWAY RANGE FRONT LIGHT | 48 45 10 N 122 29 03 W * | Q G | 41 | | KRW on platform on building. | Visible 1.25° each side of rangeline. | 35/04 |
| 19270 | BELLINGHAM BREAKWATER NORTH ENTRANCE LIGHT 1 | 48 45 14 N 122 30 26 W * | FI G 4s | 17 | 5 * | SG on pile. | | 35/04 |
| 19940 | Semiahmoo Bay INTERNATIONAL BOUNDARY RANGE C REAR LIGHT | * | F G | 80 | | Rectangular shaped orange daymark on gray tower. | Visible 14° each side of rangeline. | 35/04 |

| | | | | | | | | |
|-------|--|--------------------------------|----------------|-----|---|--|--|-------|
| 19975 | International Boundary - RANGE A REAR LIGHT | * | FW | 258 | | Rectangular shaped orange daymark on gray pile. On same structure as international Boundary Range B Rear Light. On rectangular block. | Visible westward. F R aircraft warning light on top of tower. Lighted throughout 24 hours. | 35/04 |
| 19980 | - OBSTRUCTION LIGHT EAST | 49 00 07 N 123 01 12 W * | FI Y 4s | 36 | 6 | | | 35/04 |
| 19985 | - RANGE B FRONT LIGHT | 49 00 07 N 123 02 07 W * | FG | 65 | | Rectangular shaped orange daymark on gray skeleton tower. | Visible on range line only. | 35/04 |

PUBLICATION CORRECTIONS

Publication-National Ocean Service-U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2004 (36th) Edition. Change No. 17.

Coast Pilot 7 36th 2004 Corrections

Page 1-Paragraph 2, read:

Amendments to this publication are issued through NOS website
<http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>, U.S. Coast Guard Local Notices to Mariners website
<http://www.navcen.uscg.gov/lmn/default.htm>, and National Geospatial-Intelligence Agency Notices to Mariners website
<http://pollux.nss.nga.mil/untm/>.
 (NOS/04)

Page 35-Paragraph 584, lines 1-3; read:

National Oceanic and Atmospheric Administration: The U.S. Department of

Commerce National Oceanic and Atmospheric Administration ...
 (CL 1121/04)

Page 654-Paragraph 55, read:

Electronic versions of the Local Notices to Mariners are posted weekly on the U.S. Coast Guard Navigation Center's website at :
<http://www.navcen.uscg.gov/lmn/default.htm>. The National Geospatial-Intelligence Agency Notices to Mariners are available at: <http://pollux.nss.nga.mil/untm/>.
 (NOS/04)

Publication-National Ocean Service-U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2004 (36th) Edition. Change No. 18.

Coast Pilot 7 36th 2004 Corrections

Page 45-Paragraph 2, line 22; read:
 Part 166 Shipping Safety Fairways

Part 167 Offshore Traffic Separation Schemes

Part 168 Escort Requirements for Certain Tankers ...
 (33 CFR 167, 168)

Page 45-Paragraph 5, line 2; read:
 157, 160, 161, 162, 164, 165, 166, 167, and 168; 46 CFR 15);
 (33 CFR 167, 168)

Page 45-Paragraph 6, line 2; read:
 334).
Environmental Protection Agency: (40 CFR 140).
 (NOS/04)

Page 290-Paragraph 90, line 7; read:

Anacapa Island Light (34°00'56"N., 119°21'34"W.), 277 feet ...
 (23/04 CG11)

Page 293-Paragraph 131, lines 11-13; read:
 of beach; the S shore is more precipitous than the N.
 (NOS 18727; Internet/04)

Page 293-Paragraph 134, lines 1-8; read:
Cardwell Point is the E extremity of the island. A low sandy area which uncovers extends 0.5 mile E of the point and a dangerous reef extends an additional 0.4 mile from the tip of the area. In 1994, a shoal with breakers was reported near the reef in about 34°01'06"N., 120°17'24"W. A submerged rock and rock awash are ...
 (NOS 18727)

Page 293-Paragraph 138, lines 10-11;
read:
shoal extending E for over 300 yards.
Anchorage may be made about 0.2 mile S of
the Bat Rock where ...
(NOS 18727)

Page 470-Paragraph 16 through Paragraph
19, read:
INMARSAT telex 04352586 "CGTC VAS
VCR";
Any Canadian Coast Guard MCTS
Centre, free of charge;

Publication-National Ocean Service-U.S. Coast Pilot 7, Pacific Coast: California,
Oregon, Washington, Hawaii, and Pacific Islands, 2004 (36th) Edition. Change No. 19.

Coast Pilot 7 36th 2004 Corrections

Page 133-Paragraph 1957, line 4; read:
destination.
(9) Ammonium nitrate and ammonium
nitrate based fertilizers, in bulk,
listed as a Division 5.1 material in 49
CFR 172.101.
(10) Propylene oxide, alone or mixed
with ethylene oxide, in bulk.
(FR 8/18/04)

Page 133-Paragraph 1968 through Paragraph
1972, read:
(a) [Suspended]
(FR 8/18/04)

Page 133-Paragraph 1975, read:
(d) [Suspended]
(e) *Submission to the National
Vessel Movement Center (NVMC)*. Except as
provided in paragraphs (b) and (c) of
this section, vessels must submit NOA
information required by §160.206 (entries

Directly to CVTS Offshore by FAX:
604-666-8453, or;
E-mail: **rmic-pacific@pac.dfo-
mpo.gc.ca**
(29/04 CG13)

Page 576-Paragraph 130, line 9; read:
lighted range. The range may be obscured
by vessels moored at Pier 1. In 2001, the
harbormaster was enforcing ...
(CL 947/04)

1-9 to Table 160.206) to the NVMC, United
States Coast Guard, 408 Coast Guard
Drive, Kearneysville, WV 25430, By:
(1) Electronic submission via the
electronic NOA (e-NOA) available on the
NVMC web site at
<http://www.nvmc.uscg.gov>.
(2) Electronic submission via web
service of formatted XML (eXtensible
Markup Language) documents. E-mail
sans@nvmc.uscg.gov to ask for the XML
schema details;
(3) E-mail at sans@nvmc.uscg.gov.
Workbook available at
<http://www.nvmc.uscg.gov>;
(4) Fax at 1-800-547-8724 or 304-
264-2684. Workbook available at
<http://www.nvmc.uscg.gov>; or,
(5) Telephone at 1-800-708-9823 or
304-264-2502.
(FR 8/18/04)

ENCLOSURES

Oregon - Washington - Columbia River - Dredging Operations >See Append 1<
Tabulation - Grays Harbor >See Append 2<
Tabulation - Coos Bay and Isthmus Slough Channel >See Append 3<

If you have any questions, comments, or need additional information concerning this or other LNMs or the LNM Mailing List (e.g. additions, deletions, corrections) contact the address or phone number on the front page.

D. R. McCRIMMON, JR.
Commander, U.S. Coast Guard
Chief, Aids to Navigation & Waterways Management Branch
Thirteenth Coast Guard District
By direction of the District Commander

OREGON – WASHINGTON – COLUMBIA RIVER – Dredging Operations

Dredging operations are planned or in progress at the following locations :

| Start Date | End Date | Times | Location | Dredge Vessel | Assist Vessel | Channels Monitored | Disposal Area | LNМ |
|------------|-----------|--------------------------|--|-----------------|-------------------------------|-------------------------|---|-------|
| 16 Aug 04 | 15 Feb 05 | 0700-1900 Mon - Fri | <u>Duwamish River</u> | DB Seattle | | 14 and 16 VHF-FM | Terminal 25 | 32/04 |
| 19 Jul 04 | 15 Feb 05 | 0500-1800 Mon - Fri | <u>East Waterway</u> | Mason Derrick | Olympic Tug, Rebel and Minnie | 8 and 14 VHF-FM | Terminal 25 and Elliott Bay | 28/04 |
| 16 Jul 04 | Dec 04 | 24 hours 6 days | <u>Blair Waterway</u> | Vulcan | Gladys M Wollochot | 13, 14 and 66 VHF-FM | Blair Waterway Slip 5 and PSSDA | 28/04 |
| 07 Sep 04 | 01 Oct 04 | Mon to Sat 20 hours | <u>Port of Chinook</u> | Dredge Number 9 | Deschutes and Henry D | 13 and 16 VHF-FM | River Mile 6 | 35/04 |
| 16 Jul 04 | 30 Sep 04 | 24 hours 7 days | <u>Hylebos Waterway</u> | Patriot | | 14 and 69 VHF-FM | Blair Waterway Slip 1 | 26/04 |
| 24 Aug 04 | 24 Sep 04 | 24 hours 7 days | <u>Harrington Point Sump River Mile +21+40+00 to +20+10+00</u> | Oregon | | 13 and 16 VHF-FM | Upland Rice Island | 34/04 |
| 04 Sep 04 | 18 Sep 04 | 24 hours 7 days | <u>Columbia River River Mile -02-00-00 to +02+30+00</u> | Essayons | | 13 and 16 VHF-FM | Site E Deep water Site and MCR Ocean Deep Water Disposal Site | 34/04 |
| 25 Aug 04 | 11 Sep 04 | Daylight hours 7 days | <u>Port Orford Boat Hoist Area</u> | Submerg pump | | 8 VHF-FM | Beach Disposal Area | 34/04 |
| 31 Aug 04 | 03 Sep 04 | 24 hours 7 days | <u>Stella –Fisher Bar River Mile +58+30+00 to +59+20+00</u> | Essayons | | 13 and 16 VHF-FM | River Mile 59+10+00 to 59+30+00 outside the Oregon cutline | 35/04 |

*US Army Corps of Engineer dredges request mariners transit at their slowest safe speed to minimize wake when in the vicinity of a dredge and proceed after passing arrangements have been made.

| CHART 18502 | | | | | | | |
|---|----------------------|------------------------|-----------------------|-------------------------|--------------------|----------------------|-------------------|
| GRAYS HARBOR | | | | | | | |
| TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2004 AND SURVEYS TO FEB 2004 | | | | | | | |
| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| BAR CHANNEL | 46.7 | 46.4 | 45.0 | 5-03 | 1000 | 4.6 | 46 |
| ENTRANCE CHANNEL | 35.0 | 34.5 | 37.2 | 5,6-03 | 900-600 | 1.8 | 42 |
| PT CHEHALIS REACH | 35.0 | 35.4 | 34.1 | 6-03 | 600 | 1.2 | 40 |
| SOUTH REACH | 34.3 | 37.0 | 36.1 | 3, 5, 6,10-03 | 600-350 | 4.1 | 36 |
| CROSSOVER CHANNEL | 35.9 | 37.3 | 36.9 | 6,10,11-03; 1-04 | 350-450 | 2.5 | 36 |
| NORTH CHANNEL | 36.6 | 36.3 | 35.7 | 1-04 | 450-350 | 2.4 | 36 |
| HOCQUIAM REACH | 37.1 | 36.1 | 36.9 | 1-04 | 350 | 1.9 | 36 |
| COW POINT REACH | 35.3 | 35.7 | 33.7 | 12-02; 1,2-03; 2-04 | 350-800 | 1.8 | 36 |
| ABERDEEN REACH | 27.8 | 29.8 | 28.6 | 10-01; 2-02; 2-03; 2-04 | 550-200 | 2.6 | 30 |
| TURNING BASIN | 32.7 | 33.5 | 24.2 | 1-04 | 200-550 | .3 | 30 |
| THENCE TO COSMOPOLIS | 26.5 | 26.9 | 27.7 | 1-02; 2-03 | 200 | .8 | 30 |
| NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION | | | | | | | |

CHART 18587

| COOS BAY AND ISTHMUS SLOUGH CHANNEL DEPTHS | | | | | | | |
|---|----------------------------|------------------------------|-----------------------------|----------------|--------------------|----------------------------|-------------------------|
| TABULATED FROM SURVEYS AND REPORTS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2004 | | | | | | | |
| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| ENTRANCE RANGE | 38 | 39 | 38 | 7-04 | — | 1.9 | 47-37 |
| ENTRANCE RANGE AND TURN | 38 | 48 | 31 | 3-04 | 300-1050 | 0.5 | 37 |
| INSIDE RANGE | 38 | 38 | 38 | 3-04 | 300 | 0.6 | 37 |
| COOS BAY RANGE | 36 | 37 | 36 | 3-04; 5-04 | 300 | 1.6 | 37 |
| EMPIRE RANGE | 36 | 38 | 38 | 5-04 | 300 | 1.3 | 37 |
| LOWER JARVIS RANGE | 37 | 37 | 37 | 5-04 | 300 | 0.8 | 37 |
| JARVIS TURN | 38 | 40 | 37 | 5-04 | 300 | 0.5 | 37 |
| UPPER JARVIS RANGE | 32 | 35 | 35 | 7-04 | 300-700 | 1.9 | 37 |
| NORTH BEND LOWER RANGE | 39 | 38 | 38 | 7-04 | 400 | 0.4 | 37 |
| NORTH BEND RANGE | 34 | 37 | 36 | 6-04 | 400 | 0.9 | 37 |
| NORTH BEND UPPER RANGE | 37 | 38 | 36 | 6-04 | 400 | 0.6 | 37 |
| LOWER TURNING BASIN | 36 | 37 | 35 | 6-04 | 400-900 | 0.3 | 37 |
| FERNDAL LOWER RANGE | 38 | 40 | 38 | 6-04 | 400 | 0.4 | 37 |
| FERNDAL TURN | 35 | 38 | 38 | 6-04 | 400 | 0.2 | 37 |
| FERNDAL UPPER RANGE | 27 | 37 | 35 | 6-04 | 400 | 0.7 | 37 |
| MARSHFIELD RANGE | 37 | 35 | 31 | 6-04 | 400 | 0.4 | 37 |
| MARSHFIELD RANGE TO ISTHMUS SLOUGH | 35 | 34 | 35 | 6-04 | 150-750 | 0.9 | 37 |
| ISTHMUS SLOUGH | 19 | 20 | 19 | 4-85 | 150 | 2.0 | 22 |
| NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION | | | | | | | |